

Application No.: 09/872,245
Preliminary Amendment dated: October 27, 2006
Reply to the Final Office Action of: June 27, 2006

REMARKS

Claims 2-11, 13-20 and 22-24 are pending in the Application. By the foregoing amendment, claims 5, 15 and 22 have been amended. In view of the foregoing amendments and the remarks urged here, Applicant respectfully requests that the Examiner reconsider all outstanding rejections and that they be withdrawn.

35 U.S.C. § 103 Rejections

The Examiner has rejected claims 3, 5 and 9 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,583,543 to Takahashi et al. ("Takahashi") in view of U.S. Patent No. 5,710,831 to Beernink ("Beernink"). The Examiner has rejected claims 2, 13, 15, 20 22 and 24 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi and Beernink in view of U.S. Patent No. 6,256,009 to Lui et al. ("Lui"). The Examiner has rejected claim 4 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi and Beernink in view of U.S. Patent No. 5,546,538 to Cobbley et al. ("Cobbley"). The Examiner has rejected claims 6, 8 and 10-11 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi and Beernink in view of U.S. Patent No. 5,760,773 to Berman et al. ("Berman"). The Examiner has rejected claim 7 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi and Beernink in view of U.S. Patent Application Publication No. 2002/0143831 to Bennett ("Bennett"). The Examiner has rejected claim 14 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi, Beernink and Lui in further view of Cobbley. The Examiner has rejected claims 16 and 18 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi, Beernink and Lui in view of Berman. The Examiner has rejected claim 17 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi, Beernink and Lui in view of Bennett. The Examiner has rejected claim 19 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi, Beernink and Lui in view of U.S. Patent No. 5,889,888 to Marianetti et al. ("Marianetti").

Claims 3, 5 and 9:

The Examiner has rejected claims 3, 5 and 9 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi in view of Beernink. Applicant has amended independent claim 5

to more particularly point out and distinctly claim the subject matter regarded as the invention. In particular, claim 5 has been amended to recite the step of “recognizing the text input strokes and displaying recognized text in the second touchscreen area, said recognized text comprising a recognition history.”

The present invention, as recited in independent claim 5, is directed to a method for handwriting recognition on a portable computer system where text input strokes are accepted in a first touchscreen area, and recognized text is displayed in the second touchscreen area. A portion of the recognized text is also displayed in the first touchscreen area in a scrolling fashion. The first touchscreen area is configured for recognizing input strokes as text input and the second touchscreen area is configured for recognizing input strokes as command strokes. Importantly, the recognized text comprising a recognition history. The present invention is directed to more efficient character and text recognition and editing on a handheld portable computer system. One of the problems with the prior art methods for character and text recognition is that a user’s attention is directed to two separate areas of the touchscreen – one for text and stroke recognition where characters are inputted, and one for command stroke recognition where menu and icon manipulation takes place. Consequently, the user is always checking back and forth between the two touchscreen areas resulting in inefficient text entry. See Specification page 4. The present invention proposes a method whereby a portion of recognized and just entered text appears in the touchscreen area reserved for recognizing text entry and is saved as a recognition history. Therefore, the user’s focus can simply be on the one area of the touchscreen reserved for text entry.

By contrast, Takahashi is directed to a pen input processing apparatus for use on a conventional computer processing machine. Importantly, Takahashi does not teach or suggest that recognized text comprises a recognition history. Instead, Takashi teaches a simple conventional display area coupled with a display screen (see Takahashi reference numeral 21 in column 10 lines 47-60).

The shortcomings of the base reference are not overcome by Beernink. Beernink is directed to correction in a pen-based computer. Beernink fails to disclose a second touchscreen

area is configured for “recognizing input strokes as command strokes” as is required under claim 5.

Therefore, Applicant respectfully submits that a combination of Takahashi and Beernink does not teach or suggest every claimed feature of the invention. The prior art reference (or references) must teach or suggest all of the claim limitations. In re Vaeck, 947 F.2d 488 (Fed. Cir. 1991). Since a prima facie case of obviousness has not been set forth, Applicant respectfully submits that independent claim 5 is allowable over the cited references. Claims 3 and 9, by their dependency on amended claim 5, are similarly allowable. Early notice to that effect is earnestly solicited.

Claims 2, 13, 15, 20 22 and 24:

The Examiner has rejected claims 2, 13, 15, 20 22 and 24 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi and Beernink in view of Lui. Applicant has amended claims 5, 15 and 22 to more particularly point out and distinctly claim the subject matter regarded as the invention. In particular, claim 5 has been amended to recite the step of “recognizing the text input strokes and displaying recognized text in the second touchscreen area, said recognized text comprising a recognition history.” Claim 15 has been similarly amended to recite the step of “recognizing the text input strokes and displaying recognized text in the second touchscreen area, said recognized text comprising a recognition history.” Claim 22 has been similarly amended to recite the step of “displaying a portion of the recognized text in the first area, the portion of the recognized text shown as the text input strokes are recognized, said recognized text comprising a recognition history.”

As discussed above, with respect to the rejection of claims 3, 5, and 9, claim 5 is not rendered unpatentable by the combination of Takahashi and Beernink. Similarly, claims 15 and 22 are not rendered unpatentable by the combination of Takahashi and Beernink since neither reference teaches or suggests the step of “displaying a portion of the recognized text in the first area, the portion of the recognized text shown as the text input strokes are recognized, said recognized text comprising a recognition history.”

Lui fails to satisfy the deficiencies of Takahashi and Beernink. Therefore, Applicant respectfully submits that a combination of Takahashi, Beernink and Lui does not teach or suggest every claimed feature of the invention. The prior art reference (or references) must teach or suggest all of the claim limitations. In re Vaeck, 947 F.2d 488 (Fed. Cir. 1991). Since a prima facie case of obviousness has not been set forth, Applicant respectfully submits that independent claims 5, 15 and 22 are allowable over the cited references. Claims 2, 13, 20 and 24, by their dependency on amended claims 5, 15 and 22 respectively, are similarly allowable. Early notice to that effect is earnestly solicited.

Claim 4:

The Examiner has rejected claim 4 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi and Beernink in view of Cobbley.

As discussed above, with respect to the rejection of claims 3, 5, and 9, claim 5 is not rendered unpatentable by the combination of Takahashi and Beernink. Cobbley fails to satisfy the deficiencies of Takahashi and Beernink. Therefore, Applicant respectfully submits that a combination of Takahashi, Beernink and Cobbley does not teach or suggest every claimed feature of the invention. The prior art reference (or references) must teach or suggest all of the claim limitations. In re Vaeck, 947 F.2d 488 (Fed. Cir. 1991). Since a prima facie case of obviousness has not been set forth, Applicant respectfully submits that independent claim 5 is allowable over the cited references. Claim 4, by its dependency on amended claim 5, is similarly allowable. Early notice to that effect is earnestly solicited.

Claims 6, 8, 10 and 11:

The Examiner has rejected claims 6, 8 and 10-11 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi and Beernink in view of Berman.

As discussed above, with respect to the rejection of claims 3, 5, and 9, claim 5 is not rendered unpatentable by the combination of Takahashi and Beernink. Berman fails to satisfy the deficiencies of Takahashi and Beernink. Therefore, Applicant respectfully submits that a combination of Takahashi, Beernink and Berman does not teach or suggest every claimed feature

of the invention. The prior art reference (or references) must teach or suggest all of the claim limitations. In re Vaeck, 947 F.2d 488 (Fed. Cir. 1991). Since a prima facie case of obviousness has not been set forth, Applicant respectfully submits that independent claim 5 is allowable over the cited references. Claims 6, 8, 10 and 11, by their dependency on amended claim 5, is similarly allowable. Early notice to that effect is earnestly solicited.

Claim 7:

The Examiner has rejected claim 7 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi and Beernink in view of Bennett.

As discussed above, Takahashi and Beernik with respect to the rejection of claims 3, 5, and 9, claim 5 is not rendered unpatentable by the combination of Takahashi and Beernink. Bennett fails to satisfy the deficiencies of Takahashi and Beernink. Therefore, Applicant respectfully submits that a combination of Takahashi, Beernink and Bennett does not teach or suggest every claimed feature of the invention. The prior art reference (or references) must teach or suggest all of the claim limitations. In re Vaeck, 947 F.2d 488 (Fed. Cir. 1991). Since a prima facie case of obviousness has not been set forth, Applicant respectfully submits that independent claim 5 is allowable over the cited references. Claim 7, by its dependency on amended claim 5, is similarly allowable. Early notice to that effect is earnestly solicited.

Claim 14:

The Examiner has rejected claim 14 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi, Beernink and Lui in further view of Cobbley.

As discussed above, with respect to the rejection of claims 2, 13, 15, 20 22 and 24, claim 15 is not rendered unpatentable by the combination of Takahashi, Beernink and Lui. Cobbley fails to satisfy the deficiencies of Takahashi, Beernink and Lui. Therefore, Applicant respectfully submits that a combination of Takahashi, Beernink, Lui and Cobbley does not teach or suggest every claimed feature of the invention. The prior art reference (or references) must teach or suggest all of the claim limitations. In re Vaeck, 947 F.2d 488 (Fed. Cir. 1991). Since a prima facie case of obviousness has not been set forth, Applicant respectfully submits that

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independent claim 15 is allowable over the cited references. Claim 14, by its dependency on amended claim 15, is similarly allowable. Early notice to that effect is earnestly solicited.

Claims 16 and 18:

The Examiner has rejected claims 16 and 18 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi, Beernink and Lui in view of Berman.

As discussed above, with respect to the rejection of claims 2, 13, 15, 20 22 and 24, claim 15 is not rendered unpatentable by the combination of Takahashi, Beernink and Lui. Berman fails to satisfy the deficiencies of Takahashi, Beernink and Lui. Therefore, Applicant respectfully submits that a combination of Takahashi, Beernink, Lui and Berman does not teach or suggest every claimed feature of the invention. The prior art reference (or references) must teach or suggest all of the claim limitations. In re Vaeck, 947 F.2d 488 (Fed. Cir. 1991). Since a prima facie case of obviousness has not been set forth, Applicant respectfully submits that independent claim 15 is allowable over the cited references. Claims 16 and 18, by their dependency on amended claim 15, are similarly allowable. Early notice to that effect is earnestly solicited.

Claim 17:

The Examiner has rejected claim 17 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi, Beernink and Lui in view of Bennett.

As discussed above, with respect to the rejection of claims 2, 13, 15, 20 22 and 24, claim 15 is not rendered unpatentable by the combination of Takahashi, Beernink and Lui. Bennett fails to satisfy the deficiencies of Takahashi, Beernink and Lui. Therefore, Applicant respectfully submits that a combination of Takahashi, Beernink, Lui and Bennett does not teach or suggest every claimed feature of the invention. The prior art reference (or references) must teach or suggest all of the claim limitations. In re Vaeck, 947 F.2d 488 (Fed. Cir. 1991). Since a prima facie case of obviousness has not been set forth, Applicant respectfully submits that independent claim 15 is allowable over the cited references. Claim 17, by its dependency on amended claim 15, are similarly allowable. Early notice to that effect is earnestly solicited.

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Claim 19:

The Examiner has rejected claim 19 under 35 U.S.C. § 103(a) as being unpatentable over Takahashi, Beernink and Lui in view of Marianetti.

As discussed above, with respect to the rejection of claims 2, 13, 15, 20 22 and 24, claim 15 is not rendered unpatentable by the combination of Takahashi, Beernink and Lui. Marianetti fails to satisfy the deficiencies of Takahashi, Beernink and Lui. Therefore, Applicant respectfully submits that a combination of Takahashi, Beernink, Lui and Marianetti does not teach or suggest every claimed feature of the invention. The prior art reference (or references) must teach or suggest all of the claim limitations. In re Vaeck, 947 F.2d 488 (Fed. Cir. 1991). Since a prima facie case of obviousness has not been set forth, Applicant respectfully submits that independent claim 15 is allowable over the cited references. Claim 19, by its dependency on amended claim 15, are similarly allowable. Early notice to that effect is earnestly solicited.

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Conclusion

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding rejections, and that they be withdrawn. The Examiner is invited to telephone the undersigned representative if an interview might expedite allowance of this application.

Respectfully submitted,

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Dated: October 27, 2006

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